- lowering the temperature of the prefiltrated oil and subsequently passing the prefiltrated oil through a filtering unit in which the filter medium comprises organic fibres and carbon particles, said organic fibres and carbon particles being adhered to each other by a binder.
- --Claim 2. (Original) A process according to claim 1, wherein the oil is prefiltrated by passing the oil through one or more prefiltration units.

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- --Claim 3. (Original) A process according to claim 1, wherein the oil is prefiltrated by passing the oil through three prefiltration units.
- --Claim 4. (Original) A process according to claim 3, wherein the first prefiltration unit is trapping particles bigger than approximately 12 μ m, the second prefiltration unit is trapping particles bigger than approximately 6 μ m, and the third prefiltration unit is trapping particles bigger than approximately 1 μ m.
- --Claim 5. (Amended) A process according to any one of the claims 1-4 claim 1, wherein the prefiltration units remove particles with decreasing sizes in the direction of the flow.
- --Claim 6. (Amended) A process according to any one of the claims 1-5 claim 1, wherein the prefiltration is performed by using a filtering medium made of glass fibres.
- --Claim 7. (Amended) A process according to any one of the claims 1-6 claim 1, wherein the prefiltrated oil is passed through one or more filtering units.
- --Claim 8. (Amended) A process according to any one of the claims 1-7 claim 1, wherein the filtering medium in the filtering unit contains 5-95% carbon based on the weight of carbon particles and organic fibres.

- --Claim 9. (Amended) A process according to any one of the claims 1-8 claim 1, wherein the fibres in the filtering unit are natural fibres preferably cellulosic fibres.
- --Claim 10. (Amended) A process according to any one of the claims 1-9 claim 1, wherein the binder is a positively charged resin.
- --Claim 11. (Amended) A process according to any one of the claims 1-10 claim 1, wherein the organic fibres, the carbon particles and the binder are in the form of a filtering plate.
- --Claim 12. (Amended) A process according to claim 11, wherein the filtering plate is supported downstream by a net, preferably a net of plastic or steel.
- --Claim 13. (Amended) A process according to any one of the claims 1-12 claim 1, wherein the oil is passed through one or more vacuum units after passing through the prefiltration units and before passing through the filtering unit.
- --Claim 14. (Amended) A process according to any one of the claims 1-13 claim 1, wherein the oil is heated to a temperature of 50-90°C before passing the prefiltration units.
- --Claim 15. (Amended) A process according to any one of the claims 1-14 claim 1, wherein the oil is cooled immediately before passing through the filtering unit.
- --Claim 16. (Amended) A process according to claim 15, wherein the oil is cooled to a temperature of 10-30 °C.
- --Claim 17. (Amended) A process according to any one of the claims 1-16 claim 1, wherein the oil is forced through the treatment steps by the use of a pump.
 - --Claim 18. (Amended) An apparatus for the purification of waste oil or

re-refined oil from mineral or synthetic oil by a process according to any one of claims 1-17 claim 1, comprising

- means for prefiltrating said oil,
- means for cooling the prefiltrated oil and
 a filtering unit in which the filtering medium comprises
 organic fibres and carbon particles, said organic fibres and
 carbon particles being adhered to each other by a binder.
- --Claim 19. (Amended) An apparatus according to claim 18, wherein the filtering medium in the filtering unit contains 5-95% carbon based on the weight of carbon particles and fibres.
- --Claim 20. (Amended) An apparatus according to claim 18 or 19, wherein the fibres in the filtering unit are natural fibres, preferably cellulosic fibres.
- --Claim 21. (Amended) An apparatus according to any one of the claims 18-20 claim 18, wherein the binder is a positively charged resin.
- --Claim 22. (Amended) An apparatus according to any one of the claims 18-22 claim 18, wherein the organic fibres, the carbon particles and the binder are in the form of a filtering plate.
- --Claim 23. (Amended) An apparatus according to claim 22, wherein the filtering plate is supported downstream by a net preferably made of plastic or steel.--
- --Claim 24. (Amended) An apparatus according to any one of the claims 18 23 claim 18, wherein said means for prefiltrating comprises one or more prefiltration units.
- --Claim 25. (Original) An apparatus according to claim 24, wherein said prefiltration units remove particles with decreasing size in the direction of the flow.

- --Claim 26. (Amended) An apparatus according to any one of the claims 18-25 claim 18, wherein the prefiltration means comprise three prefiltration units.
- --Claim 27. (Original) An apparatus according to claim 26, wherein the first unit is trapping particles bigger than approximately 12 μ m, the second prefiltration unit is trapping particles bigger than approximately 6 μ m, and the third prefiltration unit is trapping particles bigger than approximately 1 μ m.
- --Claim 28. (Amended) An apparatus according to any one of the claims 18–27 claim 18, wherein the prefiltrating means comprise filters with a filter medium made of glass fibres.
- --Claim 29. (Amended) An apparatus according to any one of the claims 18-28 claim 18, wherein said apparatus comprises one or more vacuum units, said vacuum units being placed in the direction of the flow immediately after the prefiltrating means.
- --Claim 30. (Amended) An apparatus according to any one of the claims 18-29 claim 18, wherein a heater is placed in the direction of the flow immediately before the prefiltrating means.
- --Claim 31. (Amended) An apparatus according to any one of the claims 18-30 claim 18, wherein a cooler is placed in the direction of the flow immediately before the filtering unit.
- --Claim 32. (Amended) An apparatus according to any one of the claims 18-31 claim 18, comprising an additional filter, said filter being placed in the direction of flow after the filtering unit.
- --Claim 33. (Amended) An apparatus according to any one of the claims 18 32 claim 18, comprising a pump preferably for forcing the oil through the treatment steps.

- --Claim 34. (Amended) Use of an apparatus according to any one of the claims 18-33 claim 18, for the purification of waste oil or re-refined oil from mineral or synthetic oil.
- --Claim 35. (New) A process according to claim 1 wherein the filters in the filtering mix are cellulose fibres.
- --Claim 36. (New) A process according to claim 11, wherein the filtering plate is supported downstream by a net of plastic or steel.
- --Claim 37 (New) An apparatus according to claim 18, wherein the filters in the filtering mix are cellulose fibres.
- --Claim 38 (New) An apparatus according to claim 22, wherein the filtering plate is supported downstream by a net of plastic or steel.